

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PTOA-16064	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/JP2004/007549	International filing date (day/month/year) 26/05/2004	(Earliest) Priority Date (day/month/year) 28/05/2003
Applicant TOKYO OHKA KOGYO CO., LTD.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 4

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention provides an unbaked laminate for producing a front plate (1) of a plasma display device, and a method for producing such a front plate (1). The laminate includes a burnable intermediate layer (14), and may include an unbaked dielectric layer (12A) and a photosensitive unbaked spacer material layer (16A). The burnable intermediate layer (14) positions between the dielectric layer (12) and the spacer material layer (16), and may burn up upon baking treatment, enabling removal of residues of the spacer material layer in the region subjected to its removal.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/007549A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J9/02 H01J17/16 H01J17/49

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ①	US 2001/017520 A1 (TANIGUCHI HITOSHI ET AL) 30 August 2001 (2001-08-30) paragraph '0143! - paragraph '0155!; figures 10,14	1-3,8
A ②	US 2002/163108 A1 (INOUE TOMOYUKI ET AL) 7 November 2002 (2002-11-07) abstract paragraphs '0001!, '0054! - paragraph '0060!	1-3,8
A ③	EP 1 150 322 A (MATSUSHITA ELECTRIC IND CO LTD) 31 October 2001 (2001-10-31) paragraphs '0090! - '0098!; figure 7	1-3,8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 October 2004

Date of mailing of the international search report

20/10/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/007549

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001017520	A1	30-08-2001	JP 2001243885 A JP 2001256894 A	07-09-2001 21-09-2001
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EP 1150322	A	31-10-2001	EP 1150322 A1 US 6692325 B1 CN 1340207 T WO 0129863 A1 JP 2001189137 A TW 478007 B US 2004085021 A1	31-10-2001 17-02-2004 13-03-2002 26-04-2001 10-07-2001 01-03-2002 06-05-2004